

IntelliControl<sup>®</sup>ICS  
INTEGRATED CONTROL SOLUTIONS

QUICK INSTALL GUIDE

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GXR2 EX

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MODULAR MULTIZONE RECEIVER

ENGINEERED BY



NILES<sup>®</sup>

# IntelliControl<sup>®</sup> ICS

INTEGRATED CONTROL SOLUTIONS

The IntelliControl<sup>®</sup> ICS GXR2 EX Modular Multizone Receiver works as the main system distribution center for IntelliControl ICS. This receiver uses module cards from the iPod<sup>®</sup>, Network Integration, AM/FM Export and Legacy Audio modules, and distributes the audio and metadata throughout 6 zones as well as receives controls from our user interfaces such as the iRemote<sup>®</sup> RF Remote Control with LCD display, the Contact Touch Screen Control Keypad, the Display System Control Keypad with LCD display and the Single Wall Mount Control Keypad.

## FEATURES AND BENEFITS

- **Modular MultiZone Receiver** distributes up to six sources to six zones
- **Built-in High Current 12-channel Amplifier** delivers 55 watts per channel RMS @ 8 ohm and 85 watts per channel @ 4 ohm to each of six zones
- **Integrated Six Slot Card Cage** accepts any combination of up to six IntelliControl ICS integration modules
- **Plug and Play Integration** of TM-AM/FM, IM-AUDIO TM-XM, HD Radio™, TM-Sirius and IM-iPod IntelliControl ICS integration modules
- **Reliable “One Touch to Music”** operation using IntelliControl ICS Touch Screens, Keypads and remote controls
- **Party Mode** turns on all your favorite areas from any keypad or remote control
- **Global Off** turns off all areas from any keypad or remote control
- **Tone Controls** fine tune bass and treble in each separate zone
- **Balance Control** fine tunes channel levels in each separate zone

## FEATURES AND BENEFITS (CONT'D)

- **Programmable Turn-On Volume** for each zone
- **Alarm Clock and Sleep Timer** for each zone
- **Paging/Doorbell Input** enables system wide voice announcements from a phone system or doorbell sounds from the Niles DBI-1
- **Zone Linking** allows a grouping of zones to be controlled as a single zone. Turn-on, source selection, paging and turn-off all work in unison, yet each zone has independent volume adjustment and muting
- **Home Theater Integration Ports** enable audio and video source components shared with the home theater system to be turned on, controlled via IR and turned off as needed
- **Selectable Fixed/Variable Zone Preamp Outputs** with 12 volt triggers for external amplifier applications
- **Source Matching Gain Control** ensures changing sources doesn't require changing volume control settings
- **Removable Speaker Connectors** hold up to 12-gauge speaker wire
- **Expandable Up To 30 Zones** with additional GXR2 EXs

# GETTING STARTED

## Unpacking the Box (Contents)

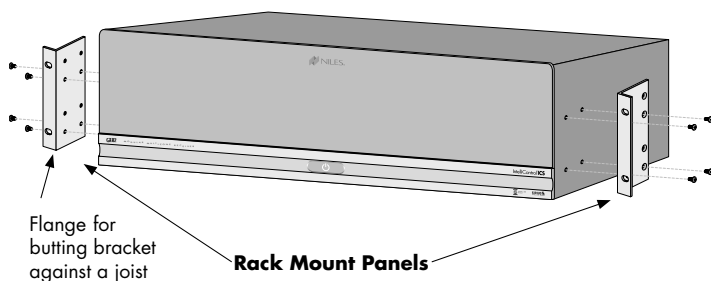
- 1, IntelliControl ICS GXR2 EX Modular Multizone Receiver
- 2, Rack Mount Panels
- Speaker Connector (removable)
- Review Important Safety Instructions

## Tools Required:

- Screwdriver with No. 2 Philips bit

## INSTALLATION:

1. Remove the four chassis screws located at the front of one of the IntelliControl ICS GXR2 EX Modular MultiZone Receiver side panels (**Figure 1**).
  2. Place a rack mount panel on the GXR2 EX side panel, aligning the holes in the rack mount panel, with the holes in the GXR2 EX side panel.
  3. Replace all four screws, fastening the rack mount panel to the chassis.
- Note: Do not over tighten the screws.
4. Repeat procedure for the other side of the GXR2 EX.



**Figure 1:** Fastening the Rack Mount Panels.

# INSTALLATION (CONT'D)

## Basic Installation Diagram

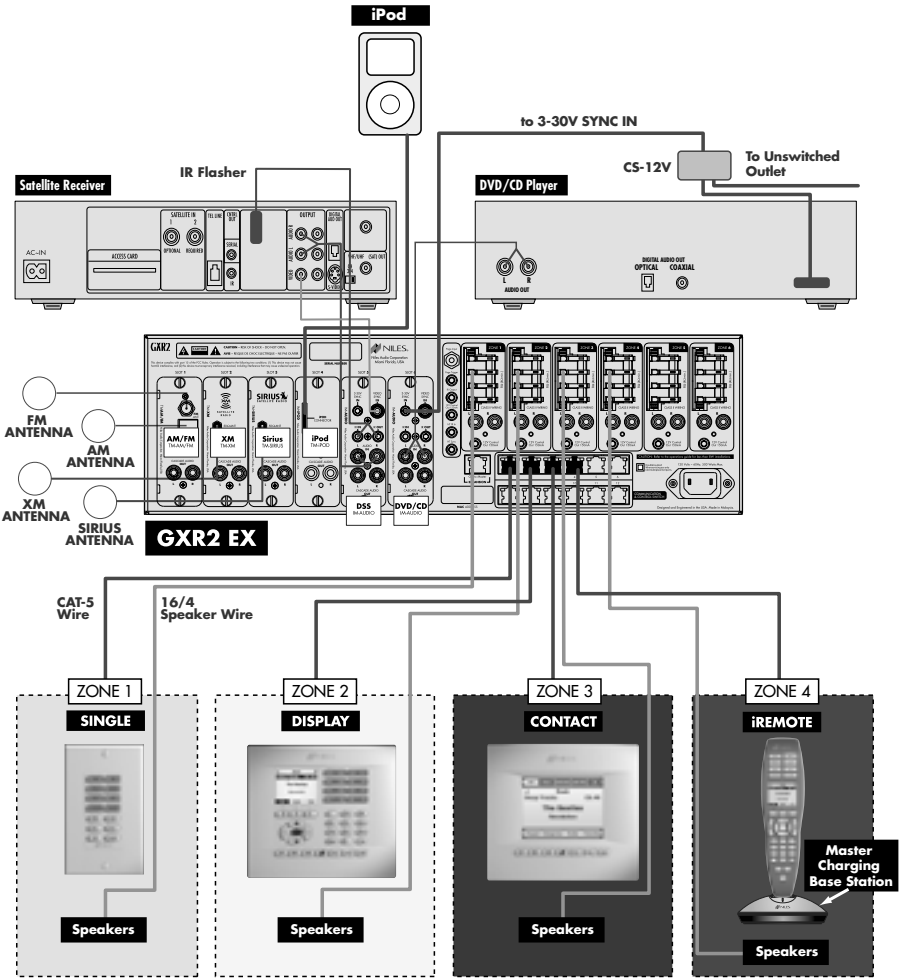


Figure 2.

# ACCESSORIES

iRemote®	2-Way Wireless RF System Control Remote with LCD Display	FG01180
iRemote® EX	2-Way Wireless RF System for EU Countries	FG01364
RBX-1	Remote Charging Base	FG01269
RBX-1 EX	2-Way Wireless RF System for EU Countries	FG01363
RHS-1	iRemote Handheld Remote	FG01270
RHS-1 EX	2-Way Wireless RF System for EU Countries	FG01362
Contact	System Control Keypad with Color Touch Screen	FG01185
Display	System Control Keypad with LCD display	FG01183
Single	Wall Mount System Control Keypad	FG01182
IM-iPOD	Apple® iPod® Integration Module	FG01176
IM-AUDIO	Legacy Audio Integration Module	FG01177
TM-XM	XM® Satellite Radio Tuner Module	FG01179
TM-SIRIUS	SIRIUS® Satellite Radio Tuner Module	FG01181
IM-SERVER	Network Integration Module	FG01339
TM-DAB	Digital Audio Broadcasting Tuner	FG01338
TM-HD/R	HD Radio™ Tuner Module	FG01340
TM-AM/FM EX	International AM/FM Tuner Module	FG01193

Niles offers many accessories. For a complete list please visit:  
[www.nilesaudio.com](http://www.nilesaudio.com).

# SPECIFICATIONS

<b>Power:</b>	55 watts x 12 channels
<b>Frequency Response:</b>	26-20 kHz +/- 3 db
<b>Signal to Noise:</b>	> = 85 db
<b>Power Supply:</b>	AC 240, 50Hz GXR2 EX
<b>Power Consumption:</b>	1500 watts maximum
<b>Warranty:</b>	Two-year limited
<b>Shipping Weight:</b>	54 lbs.

# DIMENSIONS

<b>GXR2 EX Modular MultiZone Receiver:</b>	17-3/8" W x 5-3/4" H x 18" D (including feet)
<b>Compliance and Certifications:</b>	Safety: UL/EN 60065 EMC: CE, CTICK



## CUSTOMER SERVICE – TECHNICAL SUPPORT

BY PHONE (IN USA)

**1-800-BUY-HIFI (289-4434)**

BY PHONE (OUTSIDE USA)

**1-305-238-4373**

CUSTOMER SERVICE HOURS

**8:00 AM to 5:30 PM EST**

TECHNICAL SUPPORT HOURS

**8:00 AM to 7:00 PM EST**

ON THE WEB

**[www.nilesaudio.com](http://www.nilesaudio.com)**

EMAIL TECHNICAL SUPPORT

**[techsupport@nilesaudio.com](mailto:techsupport@nilesaudio.com)**

EMAIL FOR PRODUCT SUGGESTIONS

**[productsuggestions@nilesaudio.com](mailto:productsuggestions@nilesaudio.com)**

# NOTES

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## LIMITED WARRANTY

Niles Audio Corporation ("NILES") warrants this IntelliControl ICS product to the original purchaser to be free of manufacturing defects in material and workmanship for a period of two years from date of purchase.

This Warranty is subject to the following additional conditions and limitations. The Warranty is void and inapplicable if NILES deems that the product has been used or handled other than in accordance with the instructions provided by the manufacturer, including but not limited to damage caused by accident, mishandling, improper installation, abuse, negligence, or normal wear and tear, or any defect caused by repair to the product by anyone other than NILES or an authorized NILES dealer.

To obtain warranty service, take the unit to the nearest authorized NILES dealer, who will test the product and if necessary, forward it to NILES for service. If there are no authorized NILES dealers in your area, you must write to NILES and include your name, address, model and serial number of your unit, along with a brief description of the problem. A factory Return Authorization Number will be sent to you. Do not return any unit without first receiving written authorization and shipping instructions from NILES.

If the above conditions are met, the purchaser's sole remedy shall be to return the product to NILES, in which case NILES will repair or replace, at its sole option, the defective product without charge for parts or labor. NILES will return a unit repaired or replaced under warranty by shipping same by its usual shipping method from the factory (only) at its expense within the United States of America. There are no other warranties, including without limitation, either express or implied warranties of merchantability or fitness for a particular purpose, with respect to the product.

Repair or replacement as provided under this warranty is the exclusive remedy of the consumer/purchaser. NILES shall not be responsible for any incidental or consequential damages except to the extent provided (or prohibited) by applicable law.

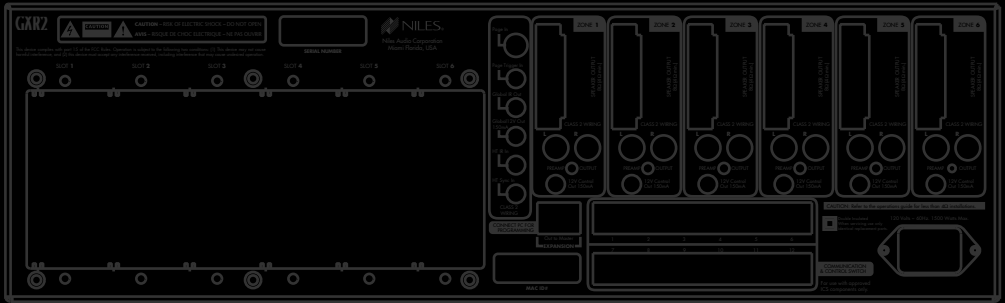
Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

For the name of your nearest authorized NILES dealer contact:  
NILES AUDIO CORPORATION, P.O. BOX 160818  
MIAMI, FLORIDA 33116-0818.

Please fill in your product information and retain for your records.

Model \_\_\_\_\_ Purchase Date \_\_\_\_\_

Serial #
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